

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 22/02/2017 Revision date: 04/08/2023 Supersedes version of: 14/11/2022 Version: 6.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form Product name UFI Product code	 Mixture Anti-Slip Decking Oil (Top Coat) TP30-N0AQ-S00V-UCRX DOASGEN
1.2. Relevant identified uses of the s	substance or mixture and uses advised against
1.2.1. Relevant identified uses	

Intended for general public

Main use category Use of the substance/mixture

Professional use,Consumer useWood Treatment

1.2.2. Uses advised against

Restrictions on use

: Not Otherwise Specified

1.3. Details of the supplier of the safety data sheet

Supplier J.V. Barrett & Co. Ltd Ltd St Ivel Way Warmley	EU Barrettine (Europe) Ltd Ltd Unit 3D North Point House, North Point Business Park, New Mallow Road Ireland– T23 AT2P Cork
United Kingdom– BS30 8TY Bristol United Kingdom T +44 (0)1179 60 00 60 <u>sales@barrettine.co.uk</u> - <u>www.barrettine.co.uk</u>	Ireland T +353 21 206 6530 sales@barrettine.co.uk - www.barrettine.co.uk

1.4. Emergency telephone number

Emergency number

: +44 (0) 1179 600060 (Office hours only 8am - 5pm Mon- Thurs. 8 am - 4.30 pm Fri.) +44 (0) 1270 502891 (Out of hours emergency number)

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals
United Kingdom	NHS 111/NHS 24/NHS Direct		111 0845 4647	or call a doctor

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008	[CLP]
Flammable liquids, Category 3	H226
Specific target organ toxicity – Single exposure, Category 3,	H336
Narcosis	
Hazardous to the aquatic environment – Chronic Hazard,	H412
Category 3	
Full text of H- and EUH-statements: see section 16	

Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. May cause drowsiness or dizziness.

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Labelling according to Regulation (EC)	No. 1272/2008 [CLP]
Hazard pictograms (CLP)	
	GHS02 GHS07
Signal word (CLP)	: Warning
Contains	: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Hazard statements (CLP)	: H226 - Flammable liquid and vapour.
	H336 - May cause drowsiness or dizziness.
	H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P101 - If medical advice is needed, have product container or label at hand.
	P102 - Keep out of reach of children.
	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P261 - Avoid breathing fume, mist, spray, vapours.
	P271 - Use only outdoors or in a well-ventilated area.
	P312 - Call a POISON CENTRE or doctor if you feel unwell.
	P405 - Store locked up.
	P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	EUH066 - Repeated exposure may cause skin dryness or cracking.
	EUH208 - Contains 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl
	butylcarbamate(55406-53-6). May produce an allergic reaction.
Child-resistant fastening	: Not applicable
Tactile warning	: Not applicable

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	EC-No.: 919-857-5 REACH-no: 01-2119463258- 33	≥ 50 – < 70	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336
Dipropylene glycol methyl ether substance with a Community workplace exposure limit	CAS-No.: 34590-94-8 EC-No.: 252-104-2 REACH-no: 01-2119450011- 60	≥ 0.1 – < 1	Not classified
3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1- yl butylcarbamate	CAS-No.: 55406-53-6 EC-No.: 259-627-5 EC Index-No.: 616-212-00-7 REACH-no: 01-2120762115- 60	≥ 0.1 – < 1	Acute Tox. 3 (Inhalation), H331 Acute Tox. 4 (Oral), H302 STOT RE 1, H372 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Naphtha (petroleum), hydrotreated heavy < 0.1% Benzene substance with a Community workplace exposure limit	CAS-No.: 64742-48-9 EC-No.: 265-150-3 EC Index-No.: 649-327-00-6 REACH-no: 01-2119486659- 16	< 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures	
First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion	 Call a poison center or a doctor if you feel unwell. Remove person to fresh air and keep comfortable for breathing. Rinse skin with water/shower. Take off immediately all contaminated clothing. Rinse eyes with water as a precaution. Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms and ef	fects, both acute and delayed
Symptoms/effects Symptoms/effects after skin contact	 May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking.
4.3. Indication of any immediate medi	cal attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the subst	ance or mixture
Fire hazard Hazardous decomposition products in case of fire	Flammable liquid and vapour.Toxic fumes may be released.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipm	ent and emergency procedures	
6.1.1. For non-emergency personnel		
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing fume, vapours, spray.	
6.1.2. For emergency responders		
Protective equipment	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".	
6.2. Environmental precautions		

Avoid release to the environment.

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6.3. Methods and material for containme	ent and cleaning up
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorised site.
6.4. Reference to other sections	

For further information refer to section 13.

SECTION 7: Handling and stora	age
7.1. Precautions for safe handling	
Precautions for safe handling	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing fume, vapours, spray.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, in	cluding any incompatibilities
Technical measures Storage conditions	Ground/bond container and receiving equipment.Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
7.3. Specific end use(s)	

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Dipropylene glycol methyl ether (34590-94-8)

United Kingdom - Occupational Exposure Limits		
Local name (2-methoxymethylethoxy) propanol		
WEL TWA (OEL TWA) [1]	308 mg/m ³	
WEL TWA (OEL TWA) [2]	50 ppm	
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

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8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Safety glasses

8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

Hand protection: Wear protective gloves

8.2.2.3. Respiratory protection

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Auto-ignition temperature	: No data available
Auto-ignition temperature	
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available

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Relative vapour density at 20°C Relative density Density Solubility Partition coefficient n-octanol/water (Log Pow) Viscosity, kinematic	 No data available No data available 0.85 kg/l No data available No data available > 176.471 mm²/s
Viscosity, dynamic	: > 150 cP
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

Flammable liquid and vapour.
10.2. Chemical stability
Stable under normal conditions.

10.4. Conditions to avoid

10.5. Incompatible materials

SECTION 10: Stability and reactivity

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

VOC content

10.1. Reactivity

: 498 g/l

No additional information available				
10.6. Hazardous decomposition	products			
Under normal conditions of storage and	use, hazardous decomposition products should not be produced.			
SECTION 11: Toxicological in	nformation			
11.1 Information on toxicologica	l effects			
Acute toxicity (oral)	: Not classified			
Acute toxicity (dermal)	: Not classified			
Acute toxicity (inhalation)	: Not classified			
Hydrocarbons, C9-C11, n-alkane	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics			
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)			
LD50 dermal rabbit	≥ 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)			
Naphtha (petroleum), hydrotrea	ated heavy < 0.1% Benzene (64742-48-9)			
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)			
LD50 dermal rabbit	> 3160 mg/kg Source: IUCLID			
3-iodo-2-propynyl butylcarbama	ate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)			
LD50 oral rat	1100 mg/kg Source: National Library of Medicine/Hazardous Substances Data Bank			

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3-iodo-2-propynyl butylcarbamate; 3-iodopro	op-2-yn-1-yl butylcarbamate (55406-53-6)		
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OPP 81-2 (Acute Dermal Toxicity), Remarks on results: not determinable due to absence of adverse toxic effects		
Dipropylene glycol methyl ether (34590-94-8)		
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)		
LD50 dermal rat	> 19020 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)		
LD50 dermal rabbit	9510 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)		
LC50 Inhalation - Rat	> 3000 mg/m³ Source: ECHA		
Skin corrosion/irritation	Not classified		
Serious eye damage/irritation	Not classified		
Respiratory or skin sensitisation	: Not classified		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
STOT-single exposure	: May cause drowsiness or dizziness.		
Hydrocarbons, C9-C11, n-alkanes, isoalkane	es, cyclics, < 2% aromatics		
STOT-single exposure	May cause drowsiness or dizziness.		
Naphtha (petroleum), hydrotreated heavy <	0.1% Benzene (64742-48-9)		
STOT-single exposure	May cause drowsiness or dizziness.		
STOT-repeated exposure	: Not classified		
3-iodo-2-propynyl butylcarbamate; 3-iodopr	op-2-yn-1-yl butylcarbamate (55406-53-6)		
LOAEL (dermal, rat/rabbit, 90 days)	500 mg/kg bodyweight Animal: rat, Guideline: EPA OPP 82-3 (Subchronic Dermal Toxicity 90 Days), Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)		
LOAEC (inhalation, rat,dust/mist/fume, 90 days)	0.0067 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)		
NOAEL (oral, rat, 90 days)	20 mg/kg bodyweight Animal: rat, Guideline: other:, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)		
NOAEL (dermal, rat/rabbit, 90 days)	200 mg/kg bodyweight Animal: rat, Guideline: EPA OPP 82-3 (Subchronic Dermal Toxicity 90 Days), Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)		
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.00116 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)		
STOT-repeated exposure	Causes damage to organs (larynx) through prolonged or repeated exposure.		
Dipropylene glycol methyl ether (34590-94-8)		
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: other:KANPOGYO No.700, YAKUHATSU No. 1039.61, and KIKYKU No. 1014.		
NOAEL (dermal, rat/rabbit, 90 days)	2850 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)		
Aspiration hazard	Not classified		
Anti-Slip Decking Oil (Top Coat)			
Viscosity, kinematic	> 176.471 mm²/s		
Hydrocarbons, C9-C11, n-alkanes, isoalkane	es, cyclics, < 2% aromatics		

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Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics			
Human evidence for classification Yes			
Hydrocarbon Yes			
Naphtha (petroleum), hydrotreated heavy < 0.1% Benzene (64742-48-9)			
Viscosity, kinematic < 1 mm²/s Temp.: 'other:37.8°C' Parameter: 'kinematic viscosity (in mm²/s)'			
Human evidence for classification Yes			
Hydrocarbon	Yes		

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic) Not rapidly degradable	: Harmful to aquatic life with long lasting effects.
Naphtha (petroleum), hydrotreated heavy	< 0.1% Benzene (64742-48-9)
LC50 - Fish [1]	2200 mg/l Source: IUCLID
LC50 - Other aquatic organisms [1]	2.6 mg/l Source: IUCLID
3-iodo-2-propynyl butylcarbamate; 3-iodo	prop-2-yn-1-yl butylcarbamate (55406-53-6)
LC50 - Fish [1]	0.067 mg/l Source: The ECOTOXicology database
EC50 - Crustacea [1]	0.16 mg/l Source: The ECOTOXicology database
EC50 96h - Algae [1]	1.978 mg/l Source: Ecological Structure Activity Relationships
Dipropylene glycol methyl ether (34590-94	-8)
LC50 - Fish [1]	> 1000 mg/l Test organisms (species): Poecilia reticulata
EC50 - Other aquatic organisms [1]	1930 mg/l Test organisms (species): other aquatic crustacea:Acartia tonsa
EC50 72h - Algae [1]	> 969 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	> 969 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'
NOEC (chronic)	≥ 0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential			
Naphtha (petroleum), hydrotreated heavy < 0.1% Benzene (64742-48-9)			
Partition coefficient n-octanol/water (Log Pow) 2.1 – 6 Source: IUCLID			
3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)			
Partition coefficient n-octanol/water (Log Pow)	2.4 Source: Corporate Solution From Thomson Micromedex		

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12.4. Mobility in soil		
3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)		
Mobility in soil	269.15	
12.5. Results of PBT and vPvB assessment		
No additional information available		

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal consideration	ons
13.1. Waste treatment methods	
Waste treatment methods Additional information	Dispose of contents/container in accordance with licensed collector's sorting instructions.Flammable vapours may accumulate in the container.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

PETROLEUM PRODUCTS, N.O.S. (Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics); Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics);	ADR	IMDG	ΙΑΤΑ	ADN	RID
Interference Interference Interference Interference 14.2. UN proper shipping name PETROLEUM PRODUCTS, N.O.S. (Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C11 n-alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics)	14.1. UN number				
N.O.S. (Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics)N.O.S. (Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics)N.O.S. (Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics)N.O.S. (Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cycl	UN 1268				
N.O.S. (Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarb	14.2. UN proper shippin	g name			
PRODUCTS, N.O.S. (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics), 3, III, (D/E)PRODUCTS, N.O.S. (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics), 3, IIIPRODUCTS, N.O.S. (Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics), 3, III <td>N.O.S. (Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n- alkanes, isoalkanes,</td> <td>N.O.S. (Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n- alkanes, isoalkanes,</td> <td>(Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n- alkanes, isoalkanes,</td> <td>N.O.S. (Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n- alkanes, isoalkanes,</td> <td>PETROLEUM PRODUCTS N.O.S. (Hydrocarbons, C9 C11, n-alkanes, isoalkanes cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n alkanes, isoalkanes, cyclics, < 2% aromatics)</td>	N.O.S. (Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n- alkanes, isoalkanes,	N.O.S. (Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n- alkanes, isoalkanes,	(Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n- alkanes, isoalkanes,	N.O.S. (Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n- alkanes, isoalkanes,	PETROLEUM PRODUCTS N.O.S. (Hydrocarbons, C9 C11, n-alkanes, isoalkanes cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n alkanes, isoalkanes, cyclics, < 2% aromatics)
PRODUCTS, N.O.S. (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics), 3, III, (D/E)PRODUCTS, N.O.S. (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics), 3, IIIPRODUCTS, N.O.S. (Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics), 3, 	Transport document descr	iption			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	PRODUCTS, N.O.S. (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics), 3,	PRODUCTS, N.O.S. (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics), 3,	products, n.o.s. (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics), 3,	PRODUCTS, N.O.S. (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics), 3,	UN 1268 PETROLEUM PRODUCTS, N.O.S. (Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C10-C13, n alkanes, isoalkanes, cyclics, < 2% aromatics), 3 III
	14.3. Transport hazard class(es)				
14.4. Packing group	3	3	3	3	3
14.4. Packing group					
	14.4. Packing group				

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ADR	IMDG	ΙΑΤΑ	ADN	RID		
14.5. Environmental hazar	ds					
Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the		
environment: No	environment: No	environment: No	environment: No	environment: No		
	Marine pollutant: No					
No supplementary information a	vailable					
4.6. Special precautions for	or user					
Overland transport						
Classification code (ADR)	: F1					
Special provisions (ADR)	: 664					
imited quantities (ADR)	: 51					
Excepted quantities (ADR)	: E1					
Packing instructions (ADR)		1, IBC03, LP01, R001				
Aixed packing provisions (ADR)	: MP1	9				
Portable tank and bulk container	. ,					
Portable tank and bulk container ADR)	special provisions : TP1,	, TP29				
ank code (ADR)	: LGB	F				
/ehicle for tank carriage	: EOD : FL					
Fransport category (ADR)	: 3					
Special provisions for carriage - I						
Special provisions for carriage - (
lazard identification number (Ke						
Drange plates	· ·					
	1	30 1268				
Funnel restriction code (ADR)	: D/E					
EAC code	: 3YE					
Fransport by sea						
Special provisions (IMDG)	: 223,	955				
imited quantities (IMDG)	: 5 L	: 5L				
Excepted quantities (IMDG)	: E1					
Packing instructions (IMDG)		1, LP01				
BC packing instructions (IMDG)	: IBC0)3				
ank instructions (IMDG)	: T4	: T4				
Tank special provisions (IMDG)		: TP1, TP29				
EmS-No. (Fire)		: F-E				
EmS-No. (Spillage)		: S-E				
Stowage category (IMDG)	: A					
Properties and observations (IMI	DG) : Imm	iscible with water.				
Air transport						
PCA Excepted quantities (IATA)	: E1					
CA Limited quantities (IATA)	: Y344	4				
CA limited quantity max net qua						
CA packing instructions (IATA)						
CA max net quantity (IATA)	: 60L					
AO packing instructions (IATA)						
AO max net quantity (IATA)	: 220L	-				
,		: A3				
RG code (IATA)	: 3L					
nland waterway transport						
Classification code (ADN)	: F1					
imited quantities (ADN)	: 5 L					
Excepted quantities (ADN)	: E1					

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Equipment required (ADN) Ventilation (ADN) Number of blue cones/lights (ADN)		PP, EX, A VE01 0
Rail transport		
Classification code (RID)	:	F1
Limited quantities (RID)	:	5L
Excepted quantities (RID)		E1
Packing instructions (RID)		P001, IBC03, LP01, R001
Mixed packing provisions (RID)		MP19
Portable tank and bulk container instructions (RID)		T4
Portable tank and bulk container special provisions		TP1, TP29
(RID)		
Tank codes for RID tanks (RID)	:	LGBF
Transport category (RID)	:	3
Special provisions for carriage – Packages (RID)		W12
Colis express (express parcels) (RID)		CE4
Hazard identification number (RID)		30

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content

: 498 g/l

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

Indication of changes:

New format.

Indication of changes			
Section	Changed item	Change	Comments
1.1	Additional information	Added	UFI
1.3	Additional information	Added	
2.2	Precautionary statements (CLP)	Modified	

Abbreviations	and acronyms:
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit

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Abbreviations and acronyms:	
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:

rui text of n- and con-statements.		
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
Asp. Tox. 1	Aspiration hazard, Category 1	
EUH066	Repeated exposure may cause skin dryness or cracking.	
EUH208	Contains 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate(55406-53-6). May produce an allergic reaction.	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Flam. Liq. 3	Flammable liquids, Category 3	
H226	Flammable liquid and vapour.	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H331	Toxic if inhaled.	
H336	May cause drowsiness or dizziness.	
H372	Causes damage to organs through prolonged or repeated exposure.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis	

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.